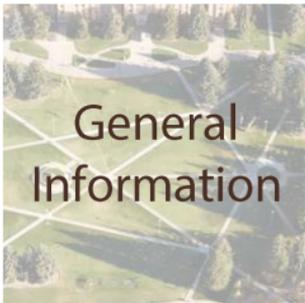




Admissions and Curriculum Brochure

UW School of Pharmacy

Contents



General
Information



Admission



Our Students



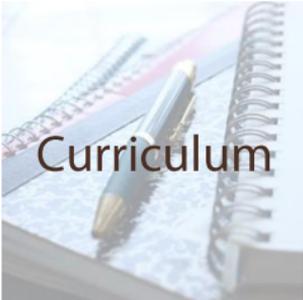
Vision, Mission, and Values



Accreditation



Student &
Faculty
Relations



Curriculum



Tuition & Fees



Technical
Standards



Further Information

www.uwyo.edu/pharmacy | uwpharmacy@uwyo.edu

General Information

The University of Wyoming School of Pharmacy (UWSOP) offers a four-year program of study leading to the Doctor of Pharmacy (Pharm.D.) degree.

Students are admitted to the professional program following a preprofessional program of not less than two years in length.

A University of Wyoming Doctor of Pharmacy degree meets the educational requirements for registration as a pharmacist in Wyoming, all other states, and in the District of Columbia.

In addition to the Pharm.D. the UWSOP offers a Pharm.D./MBA option for students with a bachelor's degree. The Pharm.D./MBA program will take five years to complete: four years of Pharmacy studies and one year of MBA core courses. Beginning in fall 2016, the UWSOP also offers an online M.S. in Health Services Administration. Information about this program can be found [here](#).

Professors at the UWSOP are experienced in teaching, dedicated to their field, and skilled in clinical service and research. Classes of 52 students assure each student individual attention. In addition to their teaching and research, faculty members serve as academic advisors. The professors of the UWSOP have been continuously recognized nationally and internationally for their teaching and research achievements and contributions to the scientific and clinical fields.

The School of Pharmacy is housed in the Health Sciences Center. The building includes faculty offices, classrooms,

seminar-study rooms, a student activity area, a student computer-study-reading room, a pharmaceutical care learning center, and well-equipped research laboratories.

The University of Wyoming has an enrollment of approximately 13,000 students representing 50 states and 90 foreign countries, providing a mix of cultural and geographic backgrounds. Seven academic colleges offer 180 different programs of study. Pharmacy students have found enjoyment in UW's many extracurricular activities such as athletics, debates, fraternities and sororities, publications, music, literary, and religious organizations.

The campus is situated near the center of Laramie, a city of approximately 30,000 people. The city lies at the eastern border of the historic Laramie Plains that are encircled by the Laramie Mountains on the east and north and by the Medicine Bow Mountains on the south and west. The plains and surrounding mountains with their national forests, streams, glacial lakes, varied wildlife, and eternal snow afford the finest facilities for both summer and winter recreation. The 7,200-foot altitude of the campus assures a delightful climate with abundant sunshine and invigorating atmosphere.



Laramie is served by Interstate Highway 80, U.S. Highways 30 and 287, State Highway 130-230, and a small municipal airport.

Vision, Mission, and Values

Vision

The University of Wyoming UWSOP will be nationally recognized for innovative research, teaching, and pharmacy practice that develops scholar-practitioners and substantively enhances the health and well-being of the communities we serve.

Mission

The University of Wyoming UWSOP exists to advance the educational and professional development of our students, generate and translate scientific findings into meaningful innovations in healthcare, and positively impact the health and well-being of the communities we serve.

We accomplish this through:

- Innovative, collaborative and interdisciplinary programs that integrate research, teaching and pharmacy practice
- The development of scholar-practitioners capable of ethically leading and embracing change and substantively enhancing health outcomes
- Individualized, faculty-led student educational experiences.

As a result, we will attract, recognize and retain the very best students, faculty and staff to drive the success of the school.

Statement of Values

The UWSOP community is committed to supporting and promoting individual and collective excellence in teaching, research, service, and pharmacy practice. We value responsibility, compassion, respect, and integrity in all endeavors.

Student Profile

The UWSOP is one of eight principal units comprising the College of Health Sciences; the Bachelor of Science in Medical Laboratory Science is a division within the UWSOP. In addition to pharmacy, other divisions in health sciences include medical education and public health, Wyoming Institute for Disabilities (WIND), communication disorders, nursing, kinesiology and health, social work, and dental hygiene.

As the sole state university, the admitted class to the professional pharmacy program usually consists of approximately 60% Wyoming residents. Non-resident students add unique perspectives to our student body. Students in the UWSOP have their own special activities and professional organizations, and share in the congenial college and university community.

The University is committed to equal opportunity for all persons in all facets of the University's operations. The University of Wyoming is an affirmative action/equal opportunity employer and institution and does not discriminate on the basis of race, color, religion, sex, national origin, disability, age, veteran status, sexual orientation, and political belief in any aspect of employment or services. The institution's educational programs, activities, and services offered to students and/or employees are administered on a nondiscriminatory basis subject to the provisions of all civil rights laws and statutes. Evidence of practices that are not consistent with this policy should be reported to the Employment Practices Officer, (307) 766-3459.

Admission

Students may enter the professional program only upon official acceptance by the UWSOP. Admission to the UWSOP is competitive and class size is limited. To be considered for admission to the professional program, students must have successfully completed all science preprofessional requirements or their equivalents by the end of the spring semester prior to matriculation. Completion of University Studies Program (USP) courses, with the exception of Communication 3, is highly encouraged.

Two semesters each (all with labs) of:

- general chemistry
- organic chemistry
- general and animal biology

Plus one semester each of

- calculus
- medical microbiology
- human anatomy
- human systems physiology
- fundamentals of statistics

If not completed, students are not considered for admission to the professional program. Courses in progress must be completed with a C or better to maintain the admission offer.

The application process for the UWSOP requires that students use PharmCAS, the national pharmacy college application service; for more information about PharmCAS log onto www.PharmCAS.org. All students are required to

take the Pharmacy College Admissions Test (PCAT) and have the results sent directly to PharmCAS by March 1st. PCAT results are unacceptable if older than two years. Non-citizens must submit TOEFL results (90 iBT total score with no component less than 21). **All application materials and test scores must be submitted to PharmCAS by March 1.** Only courses completed with a grade of C or better (resulting in an overall and a prerequisite GPA ≥ 2.8) will be accepted as meeting admission requirements.

A minimum of four years (eight semesters plus two summer terms; minimum of 146 hours total) of work in the professional program is required of pharmacy degree candidates regardless of the amount of credit previously earned. However, credit earned in professional programs at other accredited schools or colleges of pharmacy may be applied toward this hour requirement. Students requesting to transfer from other professional pharmacy programs must be in good academic standing and may be considered on an individual basis. The UWSOP admits only for fall semester; credit earned after notification of admission, but before fall semester, will be considered preprofessional coursework and does not count toward the 146 hours.

Student/Faculty Relations

The faculty and staff at the UWSOP treat students as adults and expect appropriate behavior as beginning professionals. The UWSOP recognizes that the profession of pharmacy demands of its members the utmost degree of professional competence, ethical behavior, and integrity. Upon enrolling at the UWSOP and at the start of each academic year, all students will sign a pledge

acknowledging that they have received and read the current Honor Code and that they have made a personal commitment to uphold the code and abide by its principles. Similarly, the UWSOP Code of Professional Expectations for faculty and staff is built on the foundation of respect for others, personal responsibility, the creation and maintenance of trust, and honesty and truthfulness. The administration, faculty, staff, students, and alumni of the UWSOP at the University of Wyoming should strive to set an example of ethical leadership and professional behavior as these traits are essential for good social and business interactions.

Accreditation and Membership

In Wyoming, as in most other states, one requirement for examination and registration as a pharmacist is graduation from an accredited entry-level professional program at a school or college of pharmacy. The Accreditation Council for Pharmacy Education (ACPE), the national accrediting agency for pharmacy, accredits pharmacy degree programs.

The Doctor of Pharmacy program at UW was most recently accorded full accreditation status in 2015 following an on-site evaluation by the ACPE in October 2014. Verification of current accreditation status may be made by:

- a. contacting the UWSOP Dean's Office;
- b. connecting to www.uwyo.edu/pharmacy/;
- c. contacting the Accreditation Council for Pharmacy Education (135 South LaSalle Street Suite 4100, Chicago IL 60603-4810; (312) 664-3575; www.acpe-accredit.org/) or

- d. checking the latest Annual Directory of Accredited Professional Programs published by ACPE.

The school is a member of the American Association of Colleges of Pharmacy (AACP) and adheres to its educational standards. Graduates of the UWSOP are eligible to take pharmacy state board examinations in all 50 states and the District of Columbia. UWSOP students have consistently had a pass rate of more than 90 percent on first time attempt of the NAPLEX (state board) examinations. The May 2014-April 2015 passing rate was 100%.

Learning Outcomes

The University of Wyoming adheres to the American Association of Colleges of Pharmacy Center for Advancement of Pharmaceutical Education (CAPE) educational outcomes 2013. This multi-page document can be accessed at www.aacp.org. The school has outlined student learning outcomes; these are available on the school website.

Technical Standards

The UWSOP professional education program, leading to the Doctor of Pharmacy degree and eligibility for licensure as a pharmacist, requires students to possess certain intellectual, behavioral, emotional, physical, and technical abilities. These abilities are deemed essential to ensure safe and effective patient care and to function competently as a pharmacist upon graduation and licensure, regardless of practice site. Therefore, these abilities must be demonstrated to fulfill the requirements of a general pharmacy education and are prerequisites for admission,

progression, retention, and graduation from the pharmacy program.

All students are expected to successfully and independently complete the same core educational requirements. Students need to possess the skills and abilities, if necessary with reasonable accommodation, which allow fulfillment of all curricular requirements necessary for program completion. Students who graduate from the program are eligible to become pharmacists without restrictions on their practice; therefore, students must complete all aspects of the curriculum and cannot take part in only a limited number of required curricular activities. In summary, students must not only gain scholastic achievement, but must also possess certain intellectual, behavioral, and physical abilities to meet the requirements of the UWSOP curriculum.



Use of Technical Standards

Admission

The UWSOP will consider any applicant for admission who meets the school's admission requirements and demonstrates the aptitude to perform the abilities and skills outlined below. Applicants or potential applicants who have questions or feel that they do not meet the technical standards are strongly encouraged to communicate with the UWSOP Associate Dean for Student Affairs.

Request for Accommodation

All students are held to the same academic and technical standards. Applicants/students with disabilities seeking accommodation must discuss their disability and accommodation needs with the University Disability Support Services (udss@uwyo.edu or (307)-766-6189, TTY: (307)-766-3073). If appropriate, and upon request and registration of the applicant, a reasonable accommodation will be made consistent with University of Wyoming guidelines.

Maintaining Technical Standards and Progression

Students are expected to maintain the technical standards throughout the curriculum and must demonstrate them through their coursework, interaction with peers and faculty, and in their pharmacy practice experiences. Students who fail to demonstrate the technical standards while in the program will be evaluated and appropriate action (e.g., remediation, counseling, dismissal) will be taken. This expectation is separate from academic achievement; therefore simply maintaining a passing GPA is not adequate.

Technical Standards

Candidates for the Doctor of Pharmacy degree program must be able to perform the essential functions in each of the following categories: Observation, Communication, Sensory and Psychomotor Skills, Intellect, Behavioral and Social Attributes, and Logistical Accommodations.

Essential functions for each category are described in detail below. It is recognized that degrees of ability vary among individuals. The UWSOP will monitor maintenance of these standards. Any student who is at risk of not complying with the standards is encouraged to seek out the support and assistance needed to meet program expectations.

Students not able to comply with these standards may be at risk of probation or termination from the program. Likewise, certain chronic or recurrent illnesses and problems that interfere with patient care or safety may not be compatible with pharmacy practice or training. Deficiencies in knowledge base, judgment, integrity, character, or professional behavior/demeanor may be grounds for course/rotation failure and possible dismissal, particularly if it may jeopardize patient care.

Observation

The following characteristics of observation are necessary:

- To be able to properly observe, a student must have proper vision (accurately read 6-point font type with accommodation).
- The student must be able to participate in demonstrations, experiments, and teaching methods in the basic and clinical sciences.

- The student must be able to observe a patient, customer, or healthcare provider accurately at a distance and up close.
- The student must possess the ability to get information from written references, oral presentations, and physical examination of the patient.

Communication

The following characteristics of communication are necessary:

- A student must be able to communicate effectively and efficiently in English with faculty, staff, patients, and all members of the healthcare team.
- In addition to verbal communication, a student must be able to effectively use nonverbal communication skills.
- Students must be able to ask questions, understand answers, record information, and advise others.

Sensory and Psychomotor Skills

The following sensory and psychomotor skills are necessary:

- Students must have sufficient sensory and psychomotor function to undertake the preparation of all routine forms of medication orders, the use of diagnostic equipment for patient assessment, and the direct delivery of patient therapies.
- Students must be able to engage in safe and aseptic handling of sterile preparations.
- Students should be able to execute motor movements reasonably required to participate in the general care and emergency treatment of patients.

- Students must be able to respond promptly to urgencies within the practice setting and must not hinder the ability of their co-workers to provide prompt care.

Intellect

As appropriate for each stage of professional education, pharmacy students must demonstrate a fundamental and continuing ability to use analytical reasoning to independently and collaboratively synthesize knowledge, identify and solve problems, and explain health care situations. Necessary abilities include measurement, calculation, reasoning, analysis, judgment, numerical recognition, and synthesis. In particular, students must be able to:

- Perform rapid and accurate pharmaceutical calculations including medication dosage in varied situations and appropriate dilution or reconstitution of electrolytes and drug products.
- Identify medication related problems using significant findings from history, physical findings and laboratory data; provide a reasonable explanation and analysis of the problem; determine when additional information is necessary; suggest appropriate pharmacotherapy, develop monitoring and treatment plans, and communicate effectively with patients and health care providers to solve problems; function efficiently and quickly, especially in emergent situations.
- Retain and recall information in an efficient and timely manner.
- Locate and evaluate information from literature and other resources in a timely manner and use

appropriately to make assessments and develop pharmaceutical care plans for disease management.

- Identify and communicate limits of knowledge to others when appropriate; recognize when further study or investigation is necessary prior to participating in decision making.
- Interpret graphs, charts, or records describing biologic, economic, or outcome relationships.

Behavioral and Social Attributes

The following behavioral and social attributes are necessary:

- Possess the physical and emotional health required for effective professional judgment and the prompt, safe completion of all responsibilities.
- Adapt to change and display the flexibility to learn and function in the face of uncertainty, amid distraction, and in both professional and personally stressful situations of both physical and emotional nature, as changes may occur rapidly and without warning.
- Possess compassion, integrity, interpersonal skills, empathy, motivation, and concern for others.
- Demonstrate professional behavior established by the law and by the ethical standards of the pharmacy profession, regardless of environment.
- Function within the regulatory and institutional limits.
- Demonstrate accountability and personal responsibility for one's own actions and success.
- Accept appropriate constructive criticism, either formal or informal, and respond quickly and cooperatively by modification of behavior as necessary.

- Possess the ability to develop mature, sensitive, and effective professional relationships with classmates, faculty, administration, staff, patients, caregivers, and partners.
- Work effectively as a team member.
- Be aware of one's own immediate emotional responses and environment, perceptions, and stereotypes and appropriately react avoiding negative impacts on professional relationships.
- Protect patient confidentiality.
- Recognize multiple points of view and appropriately integrate them into clinical decision making.
- Respect diversity and be culturally sensitive.
- Commit to self-awareness and life-long learning.
- Provide useful, constructive feedback regarding activities, tasks, courses, rotations, and teaching throughout the curriculum.



Logistical Accommodations

Students must be able to:

- Have access to or arrange transportation to sites off campus for experiential coursework
- Have access to or resources for housing during the experiential coursework

Curriculum

Preprofessional Program

Applicants for the professional program in pharmacy must complete the preprofessional requirements before they can be admitted. Usually, a minimum of four semesters (two academic years) is required to complete preprofessional requirements.

All preprofessional coursework must be completed by the end of the spring semester prior to matriculation in the professional program. Work completed in the summer before matriculation will normally not be accepted for admission to that fall's professional class.

Graduates of fully accredited high schools may be admitted to the preprofessional program with a math placement score of 3 or an ACT math score of 23. Students transferring into the preprofessional program must have a GPA of 3.0. For students who do not meet these requirements, majoring as a Health Sciences undeclared student is suggested until they meet the math requirement and GPA.

The following preprofessional program and suggested course sequence is provided as guidance for students planning to apply to the UW professional program. Courses

listed with bold font are required for application while non-bolded courses may be completed after admission to the professional program (all university studies requirements are mandatory for graduation at UW).

Preprofessional Program (PPCY) Required Curriculum

Suggested Course Sequence

First Year: Fall Hrs

CHEM 1020	General Chemistry (PN)	4
LIFE 1010	General Biology (PN)	4
MATH 2200	Calculus 1 (Q)	3
FYS	First Year Seminar	3

First Year: Spring Hrs

CHEM 1030.	General Chemistry	4
LIFE 2022	Animal Biology	4
COM 1	Communication 1	3
V	U.S. And Wyoming Constitution	3

Second Year: Fall Hrs

CHEM 2420	Organic Chemistry I	4
KIN/ZOO 2040	Human Anatomy	3
KIN/ZOO 2041	Human Anatomy Lab	1
STAT 2050	Fundamentals of Statistics	4
COM 2	Communication 2	3
H	Human Culture	3

Second Year: Spring Hrs

MOLB 2240.	Medical Microbiology	4
CHEM 2440.	Organic Chemistry II	4
ZOO 3115	Human Systems Physiology	4
H-Human Culture		3

Preprofessional Electives

The University Studies Program (USP)

A university education is grounded in a broad understanding of human knowledge developed through a range of courses and co-curricular activities, the most important of which, at the University of Wyoming, is the University Studies Program. From general studies, the specialized knowledge of a major evolves. These two components of an education are complementary, enhancing one another throughout a student's career.

The University Studies Program ensures that each student's program includes the elements essential to a lifetime of personal and professional growth: habits of mind, practices of active citizenship, and development of intellectual skills.

The University Studies Program requires students to develop skills necessary for full participation in a technologically complicated world. These include the ability to express oneself in speech and writing, to locate, evaluate, and effectively use information, and to examine problems from quantitative, qualitative, and scientific perspectives. University Studies encourages students to become active citizens in a diverse democracy. Through multi- and inter-disciplinary inquiry, students gain the perspectives necessary to deal with complex issues, appreciate the viewpoints of others, function effectively in multicultural communities, understand the responsibility to participate in democratic society, and communicate clearly in a civic environment.

The University Studies Program assesses student achievement (summative assessment) and program effectiveness (formative assessment) by identifying, then measuring specific program outcomes over time.

While the University Studies Program is designed to serve students, it also offers innovative opportunities for growth to faculty members, departments, colleges, and the university as a whole. Indeed, ongoing faculty development and curricular modification play a key role in a vigorous general studies program.

Core components of the University Studies Program

Communication 1 (C1) 3 credits

College Composition and Rhetoric must be completed with a C or better.

Communication 2 (C2) 3 credits

Successful completion of C1 is required prior to enrolling in a C2 course. This category can be fulfilled by courses taken from the student's major department. Must be completed with a C or better.

Communication 3 (C3) 3 credits

Successful completion of C2 is required prior to enrolling in a C3 course. This category can be fulfilled by courses taken from the student's major department. Must be completed with a C or better.

First-Year Seminar (FY) 3 credits

Provides the skills and philosophy necessary for success as a student and life-long learner. Students will have an opportunity to select from a wide range of academic

courses covering unique and interesting subject matter focused on developing critical thinking, communication, and information literacy skills. Colleges, departments, and programs cannot require a particular first-year seminar class for a major. Must be completed with a C or better.

Quantitative Reasoning (Q) 3 credits

All students must fulfill the Q requirement, either by placing out of the course or through successfully completing the Q course.

Human Culture (H) 6 credits

Complete six approved credit hours of coursework. Approved coursework does not include courses taken within the student's major department.

Physical & Natural World (PN) 6 credits

Complete six approved credit hours of coursework. Approved coursework does not include courses taken from the students' major department.

U.S. & WY Constitutions (V) 3 credits

Approved V courses fulfill both US and Wyoming Constitutions requirements.

Personal & Social Responsibility Credits

No mandatory USP courses. Students will have varied experiences.

[Click here](#) for more information on the USP.

Professional Doctoral Program

Admission

Admission to the professional program leading to the entry-level Pharm. D. degree is limited to 52 students per year and

is highly competitive. Admission is granted by the Dean of the UWSOP upon the recommendation of the Admissions Committee. Students applying to the UWSOP must use the PharmCAS application (www.pharmcas.org) process, all materials (PCAT scores, and letters of recommendation) are submitted to UW using this service. The UWSOP requires no supplemental application. Students granted admission to the professional program will have to pay a one-time, non-refundable, seat fee to guarantee their placement into the entering class. As part of a College of Health Sciences requirement, students are also expected to complete and pass a background check prior to final admission to the professional program.

Academic Standards for Progression and Graduation

The required professional coursework for the Pharm.D. is organized in a prescribed, non-negotiable, sequential manner. All students have a P-designation identifying their year in the program (P1, P2, P3, P4). Required professional courses (PHCY courses) from any national or international pharmacy programs will not be applied to the UW PharmD degree. Courses taken as S/U, including electives, are usually considered unacceptable in fulfilling program requirements. Auditing PHCY courses by students enrolled in the Doctor of Pharmacy program is not allowed.

The academic standards below are expected to be followed by all students admitted to the professional program. Any violation will constitute grounds for probation or termination from the professional program and will delay

progression toward advanced coursework. A leave of absence may be necessary in cases where a medical or personal hardship may adversely affect academic performance. The student may appeal sanctions related to violations of the academic standards and decisions that result in probation and termination in the program. Appeals start at the School level, followed by College and University levels, according to policy.

Academic Standards

- 1) Students must receive a grade of C or better in all 146 credit hours of coursework completed while in the professional program.
- 2) For progression, students must earn a GPA of 2.0 or better in both University coursework and professional program courses each semester and cumulatively.
- 3) Students must complete at least 12 hours of coursework applicable to the pharmacy degree during each semester while in good standing.
- 4) Non-pharmacy required coursework (e.g., Biochemistry, Human Physiology) successfully completed with a B or better prior to admission to the program is not automatically applied to the PharmD degree. The student may petition that coursework to be applied to the program, but must replace those credit hours with additional elective courses.
- 5) Incompletes must be completed prior to progression into the next academic semester and will halt progression in experiential coursework.

- 6) Students who earn a D or lower in any experiential coursework will have their rotation sequence halted.
- 7) A professional pharmacy program course can be repeated only once.
- 8) A maximum of three required courses are allowed to be repeated during the degree program.
- 9) A grade of D or lower in any course (core or elective) during the professional program constitutes failure to progress to the next semester and P-designation, and probationary status will be required for continuation in the program.

Probation is a period of time in which the student is allowed to continue in the program under supervision. Students that do not meet academic standards and are placed on probation will have to submit a petition that includes an individualized plan of study for the next semester. This plan must be developed by the student in agreement with and signed by the academic advisor. The petition will be reviewed by the Student Affairs Committee (SAC), which will send a recommendation to the Dean for approval or denial.

- 10) Failure to meet any academic standards for two semesters (not necessarily consecutive) in didactic and/or experiential coursework results in automatic termination from the professional program.
- 11) Failure of two experiential courses, not necessarily consecutive, results in termination from the professional program.

- 12) All academic requirements in the program must be completed in a maximum of 6 years. Students shall be terminated from the program if graduation is not achieved at the end of the 6th year from their official admission date to the professional program.
- 13) Graduation with a PharmD degree requires a cumulative GPA of 2.50 in coursework taken as a professional student (both total University coursework GPA and required professional program GPA) and the successful completion of 146 hours of coursework.

Elective Credits Policies

The purpose of electives at the UWSOP is to complement the pharmacy curriculum, expand knowledge within a specific pharmacy discipline, and to ensure completion of the general liberal arts education of the University of Wyoming. Therefore, the following policies have been approved by the faculty for the Doctor of Pharmacy professional program (thereafter, Program).

1. As published in the University Bulletin, students are required to complete a minimum number of electives, specific for the student's year of matriculation into the Program. This number may vary and may be modified as adjustments are made to the professional curriculum to comply with accreditation standards. Students will be made aware of this number during initial orientation into the Program and kept informed

- of any changes during their stay in the academic program.
2. Students must take elective courses to satisfy first the requirements of the University Studies Program (USP) and then complete the remaining required elective credits as general elective coursework (program-approved required number of elective hours).
 3. Students are required to complete all USP requirements even if they exceed the minimum number of elective hours initially defined in their program in order to graduate from UW. The 146 hour minimum may also be exceeded.
 4. All general elective coursework must be upper division (UW 3000 level or above) to ensure adequate rigor appropriate to a professional program.
 - a. All University of Wyoming online courses at 3000 level or above are accepted for elective credit toward the Program.
 - b. Transfer or online courses equivalent to UW 3000 level or above from other accredited four-year institutions may be honored as elective credits toward the Program.
 5. All required hours (including electives) must be completed by students before progressing into the P4 rotation year. Students will not be allowed to progress toward the fourth year rotations if their academic records show that less than a total of 107 credits were completed and/or university studies requirements were not fulfilled.

6. When an elective course is approved through a petition, enrollment in the course must occur during the semester for which it was approved.
7. Courses offered through any community college, including Wyoming community colleges, regardless of their level or type (online or not), are usually neither transferable nor accepted as elective credit toward the Program.
8. Students shall not take electives as Satisfactory/Unsatisfactory (S/U) credit.
9. All courses taken in the preprofessional program or to fulfill requirements in a previous degree cannot be retaken to count as elective hours in the Program.
10. Credit by exam through the Foreign Languages Department will not be accepted as fulfillment of elective requirements in the Program. However, it is a student's right to earn credit-by-examination for Wyoming History and Government, and Physical Education lecture while receiving elective credits toward the Program and fulfilling USP requirements.

Academic Honesty and Professional Conduct

Students admitted to the professional program are required to participate and sign the UWSOP Honor Code. Failure to sign the honor code will result in a withdrawal of the admission offer or termination from the professional program.

Curriculum

In order to keep abreast with changes in pharmaceutical education, the following curriculum is subject to change or modification as required by the accrediting organization. Students should be aware that changes must be expected and they will be included in their academic program. The UWSOP does not plan to change graduation requirements, but does reserve the right to change any provisions or requirement deemed necessary at any time within the student's term of residence. Students should note that classes are usually scheduled Monday through Friday, but may include some evening and weekend coursework.

Requirements for Graduation

The degree of Doctor of Pharmacy (Pharm.D.) is granted upon satisfactory completion of the professional curriculum in accordance to the school's academic standards and the fulfillment of the general university requirements. Transfer students who have previous professional pharmacy credits accepted as partial completion of residence work may not earn a degree from this university for less than 30 semester hours of resident credit in the professional program of the UWSOP over a minimum of two resident semesters.

Note: Students will be required to live in locations other than Laramie while enrolled in experiential rotations. In addition, student are responsible for all travel, housing, and other expenses necessary to successfully complete experiential coursework occurring in the P2 and P4 years.

Students will be required to complete introductory experiential rotations during the summer session as scheduled after their first year in the professional program. Students are required to meet current vaccination standards as determined by the Student Health Services and by the Professional Experience Program. Students are required to hold professional liability insurance while completing experiential coursework. Additionally, proof of vaccinations, tuberculosis tests, and, in some cases, titers are required for progression into the P2-P4 year rotations. Additional background checks and drug screens are required by some sites as is personal health insurance.

Doctor of Pharmacy Required Curriculum

Course Sequence and Courses (Subject to Change)

First Year: Fall		Hrs
MOLB 3610	Principles of Biochemistry	4
PHCY 6100	Dose Form Design	4
PHCY 6101	Practical Aspects Dosage Form Design	1
PHCY 6185	Seminar: Role of the Pharmacist	1
PHCY 6106	Pharmaceutical Calculations	2
ZOO 4125	Integrative Physiology	4
First Year: Spring		Hrs
PHCY 4450	Pathophysiology	4
PHCY 6102	Biopharmaceutics/Pharmacokinetics	4
PHCY 6152	Therapeutics I	3
PHCY 6354	Pharmacy Practice Laboratory	2
PHCY 6110	Medicinal/Natural Products Chemistry I	3

PHCY 6170	Introductory Pharmacy Practicum	1
PHCY 6285	Seminar: Drug Use Process	1
<u>First Year: Summer</u>		<u>Hrs</u>
PHCY 6480	Introduction to Community Pharmacy	4
PHCY 6482	Introduction to Institutional Pharmacy	4
<u>Second Year: Fall</u>		<u>Hrs</u>
PHCY 6210	Medicinal/Natural Products Chemistry II	3
PHCY 6245	Patient/Professional Interactions	3
PHCY 6220	Pathophysiology II	3
PHCY 6230	Pharmacology I	4
PHCY 6250	Drug Literature Evaluation	3
PHCY 6280	Pharmacy Ethics	1
<u>Second Year: Spring</u>		<u>Hrs</u>
PHCY 6211	Medicinal/Natural Products Chemistry III	3
PHCY 6231	Pharmacology II	4
PHCY 6241	Organizational/Societal Issues	3
PHCY 6270	Intermediate Pharmacy Practicum	1
PHCY 6251	Therapeutics II	3
Elective		4
<u>Third Year: Fall</u>		<u>Hrs</u>
PHCY 6312	Clinical Toxicology	3
PHCY 6341	Pharmacy Practice Law	3
PHCY 6350	Therapeutics III	4
PHCY 6356	Phys Assessment in the Eval of Drug Ther	1
PHCY 6357	Clinical Pharmacokinetics	2
Electives		2
<u>Third Year: Spring</u>		<u>Hrs</u>

PHCY 6342	Pharmacy Administration	3
PHCY 6343	Pharmacoeconomics	2
PHCY 6351	Therapeutics IV	4
PHCY 6103	Sterile Products	2
PHCY 6104	Sterile Products Laboratory	1
PHCY 6370	Adv Pharmacy Experience Orientation	1
Electives		2

Fourth Year: Consists of nine experiential rotations of four credit hours each and three reflective learning weeks.

Rotations are considered full-time. Students may not enroll in any other coursework concurrent with rotations.

Consequently, all other coursework (107 credits) must be satisfactorily completed before enrollment in P4 coursework. Note: Students will be required to live in locations other than Laramie while enrolled in experiential rotations. In addition, student are responsible for all travel, housing, and other expenses necessary to successfully complete experiential coursework.

<u>Fourth Year: Summer</u>	<u>Hrs</u>
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Experiential Rotation 1	4
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Experiential Rotation 2	4
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<u>Fourth Year: Fall</u>	<u>Hrs</u>
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PHCY 6485 Reflective Learning in Pharmacy	1
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Experiential Rotation 3	4
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Experiential Rotation 4	4
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Experiential Rotation 5	4
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Experiential Rotation 6	4
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Fourth Year: Spring	Hrs
PHCY 6485 Reflective Learning in Pharmacy	1
Experiential Rotation 7	4
Experiential Rotation 8	4
Experiential Rotation 9	4
PHCY 6485 Reflective Learning in Pharmacy	1

Students must complete the following “Core” or “Required” Experiential Rotations:

PHCY6470	Internal Medicine Pharmaceutical Care I
PHCY6471	Internal Medicine Pharmaceutical Care II
PHCY6473	Ambulatory Care I
PHCY6481	Advanced Community Pharmacy
PHCY6483	Advanced Institutional Pharmacy

Plus 4 Elective Rotations (PHCY 6465)

*sample schedule (students complete 9 rotations offered over 10 rotation times)

Doctor of Pharmacy/MBA

The dual degree Pharmacy/MBA program unites two programs rich in tradition into one powerful joint degree by offering a solid foundation in both business and pharmacy. Graduates of the Pharm.D./MBA program will be prepared to assume leadership positions in pharmacy planning, entrepreneurship, venture capital, and health care administration or as senior managers in roles re-quiring both technical and business acumen.

The dual degree program provides an immediate impact for their future employers in the areas including, but not limited to, patient relations (communications), business administration, purchasing, inventory management, and human resources.

Students work side-by-side with business, law, energy and engineering students with varying backgrounds and professional experience. Pharm.D. students work in teams and analyze case studies in developing their leadership, managerial, and decision-making skills.

Admissions – Prospective students for the dual Pharm.D./MBA program will need to receive an offer of admission from Doctor of Pharmacy program prior to applying to the MBA program. In addition to the admission documents required for the Pharm.D., the MBA program will require an MBA application (no additional fee), resume, official undergraduate transcript (this program requires a previous bachelor's degree), three -letters of recommendation, GMAT, or GRE or PCAT, and a telephone or on-campus interview.

Students must fulfill the requirements for each degree. Certain courses, listed below, are counted toward requirements in both programs (thus, reducing the total hours). In order to keep abreast with changes in pharmaceutical and business education, the curricula are subject to change or modification as required by the programs or accrediting organizations. Students should be aware that changes must be expected and they will be

included in their academic program. Neither the UWSOP nor the Master of Business Administration Program plan to change graduation requirements inadvertently, but do reserve the right to change any provisions or requirement deemed necessary at any time within the student's term of residence.

Because of the MBA program requirement, all courses counted toward requirements in both programs must be completed with a B or better.

Course of Study

The program will consist of a minimum of 175 credit hours and five years to complete. The MBA degree requires a minimum of 47 (+ 4 for MOLB) hours and the Pharm.D. requires a minimum of 146 hours.

Year 1 – MBA Studies: Fall (16 credits), Spring (16 credits), Summer Project (3 credits) and MOLB 3610 (4 credits).

Following the Summer Project, students will also be required to participate in the National Outdoor Leadership School (NOLS) program.

Year 2 – PH1 Studies: 33 credits, including MBA Capstone course (MBAM 5305) to be taken as a Pharm.D. elective in the fall. Students who have an approved petition for physiology, should take MBAM 5304 (MBA Business Law) in lieu of ZOO 4125.

Year 3 – PH2 Studies: 39 credits

Year 4 – PH3 Studies: 26 credits

Year 5 – PH4 Studies: 39 credits including nine experiential rotations

Coursework Applied to both Pharm.D. and MBA Degrees

(22 credit hours)

MBAM 5107 (3 credits)

MBAM 5203 (3 credits)

MBAM 5305 (3 credits)

MOLB 3610 (4 credits)

PHCY 6241 (3 credits)

PHCY 6341 (3 credits)

PHCY 6342 (3 credits)

Student Status and Tuition/Fees

During Year 1, the dual degree student will be classified and administered as an “MBA student” on university records and will be billed the prevailing in-state or out-of-state MBA tuition and fees. During Years 2-5, the dual degree student will be classified and administered as a “Pharm.D. Student” on university records and will be billed the prevailing in-state or out-of-state Pharm.D. tuition and fees.

Description of Courses

Full descriptions of all UWSOP courses can be found in the University Catalog at the following url

www.uwyo.edu/registrar/university_catalog/phcy.html

Full descriptions of MBA courses can be found at

www.uwyo.edu/registrar/university_catalog/mbam.html

Use the following url for descriptions of other courses

www.uwyo.edu/registrar/university_catalog/crsdept.html

Tuition and Fees

The links for the University of Wyoming semester fee

schedules for the current academic year are shown below. The University Trustees and the university administration reserve the right to change tuition and fees policies at any time.

Undergraduate students and professional pharmacy students (for all four professional years) enrolled for 12 or more hours in a semester are considered to be attending full-time.

In addition to university and school fees applicable to all students, all students granted admission to the professional program will have to pay to the UWSOP a one-time, non-refundable, seat fee to guarantee their placement into the entering class. This fee is applied to first semester tuition upon matriculation.

The Cost of Attendance

www.uwyo.edu/SFA/cost_of_attendance/index.html

University Fee Book

www.uwyo.edu/administration/feebook/

Student Benefit Package and Insurance

Students who have their own insurance or choose not to have any health insurance may withdraw from the University's health insurance program. Failure to have health insurance may prevent placement at some rotation sites. Please contact the Student Medical Insurance Advocate at (307) 766-3025 for more information on the university's health insurance policies.

Tuition and Fee Payment

Questions regarding tuition and fee payment should be directed to:

Accounts Receivable

Room 250 Knight Hall

(307) 766-6232

www.uwyo.edu/fsbo/accounts-receivable/

Questions regarding financial aid, scholarships, and loans should be directed to:

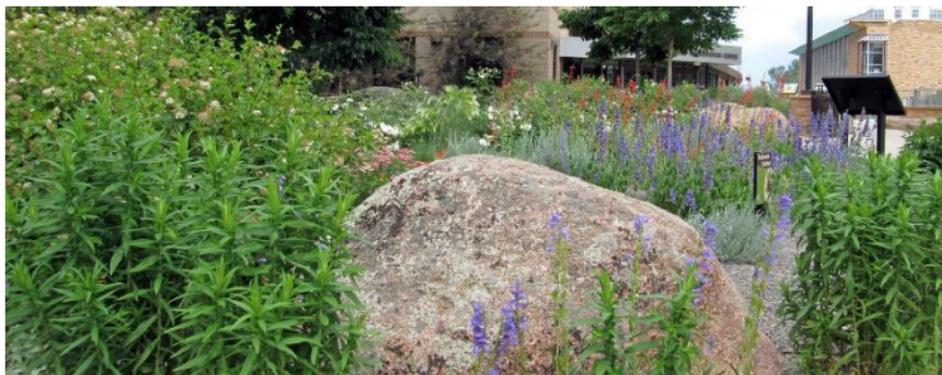
Student Financial Aid

Room 174 Knight Hall

(307) 766-2116

finaid@uwyo.edu

Please note that students entering into the professional program are considered, for financial aid purposes only, as undergraduate students for their first two years of pharmacy school and graduate students for their last two years of pharmacy school. Students are considered professional pharmacy students for all other purposes on campus.



Further Information

The UWSOP welcomes interest in its degree programs. The pharmacy faculty and staff, and other university officials stand ready to aid prospective students in any possible way. The university publishes several bulletins and brochures with general information valuable to prospective students. These include:

The UW General Bulletin

www.uwyo.edu/registrar/university_catalog/index.html

Wyoming Financial Aid and Scholarships

www.uwyo.edu/sfa/

Future Students

www.uwyo.edu/admissions/